

La Costa Avenue Improvement Plan

El Camino Real to Rancho Santa Fe Road



Study Objective

Develop a cost effective, community-preferred plan to address traffic speeds and safety on La Costa Avenue in a way that respects the residential character and arterial function of the roadway

Considerations for La Costa Avenue

- Secondary arterial
- Residential frontage
- Speed
- Safety
- Emergency response
- Bikes and pedestrians
- Cost of improvements
- Enforcement



La Costa Avenue Planning Process

- Community survey
- Three community meetings
 - April 28
 - May 26
 - June 23
- Update public throughout process – website
- Present preferred plan to Traffic Safety Commission
- City Council acceptance
- General Plan and environmental review

Community Meeting #1 – April 28, 2011

- Define problem
- Determine objectives
- Present design elements
- Discuss preferences



Community Meeting #2 – May 26, 2011

- Review concept plans
- Consider what works, what doesn't
- Determine preferences for various options



Planning Objectives

- Increase safety for all users
 - Accommodate all modes of transportation (auto, bike, and pedestrian)
 - Reduce travel speeds
 - Increase sight distance for driveway access
- Design a roadway in keeping with the residential neighborhood
 - Accommodate on-street parking in front of residential areas
 - Minimize the number of traffic signals
 - Increase landscaping
 - Design improvements to be effective without enforcement

Planning Objectives

- Don't divert traffic to other residential streets
 - Do not penalize drivers traveling at the posted speed limit (i.e., design should be consistent with high volume roadway classification)
 - Avoid congestion
- Develop a cost effective plan

Design Options that Meet Planning Objectives

- Reduce the number of lanes to one through lane in each direction to accommodate all modes of traffic
- Include bike lanes in both directions
- Complete missing sidewalk links
- Maintain on-street parking in front of residential units
- Use bike lane to create a buffer and increase sight distance (i.e., move travel lanes away from driveways and on-street parking)

Design Options that Meet Planning Objectives

- Extend curbs in front of residences to accommodate wider sidewalks and improve sight distance
- Use medians, bulb outs and roundabouts to create a more curvilinear design to reduce vehicle speed
- Use medians and bulb outs to improve pedestrian safety crossing street
- Use roundabouts at intersections rather than adding traffic signals
- Use landscaping to change the character of the street and reduce speeds

Remember

- The plan is a draft plan
- The specific location of devices has not been determined and may shift based on topography, access locations, drainage, utilities, and other considerations
- The purpose of tonight's meeting is to discuss and improve the draft plan

Draft Concept Plan

- One lane in each direction
- Partial medians
- Curb extensions
- Roundabouts at two intersections
- Bike lanes in both directions
- Improved sidewalks
- Estimated cost - \$3 million

West End of Project Area

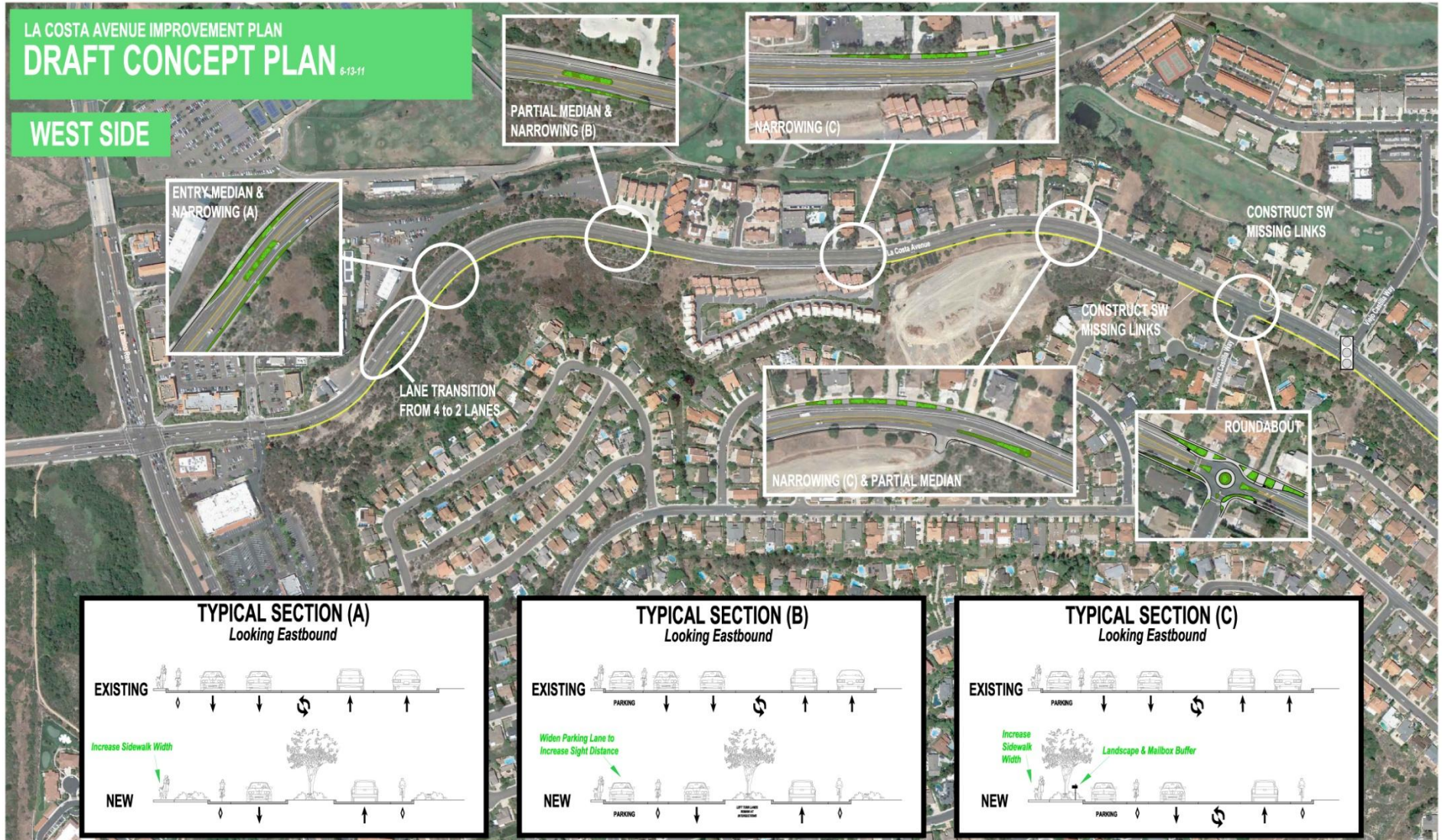


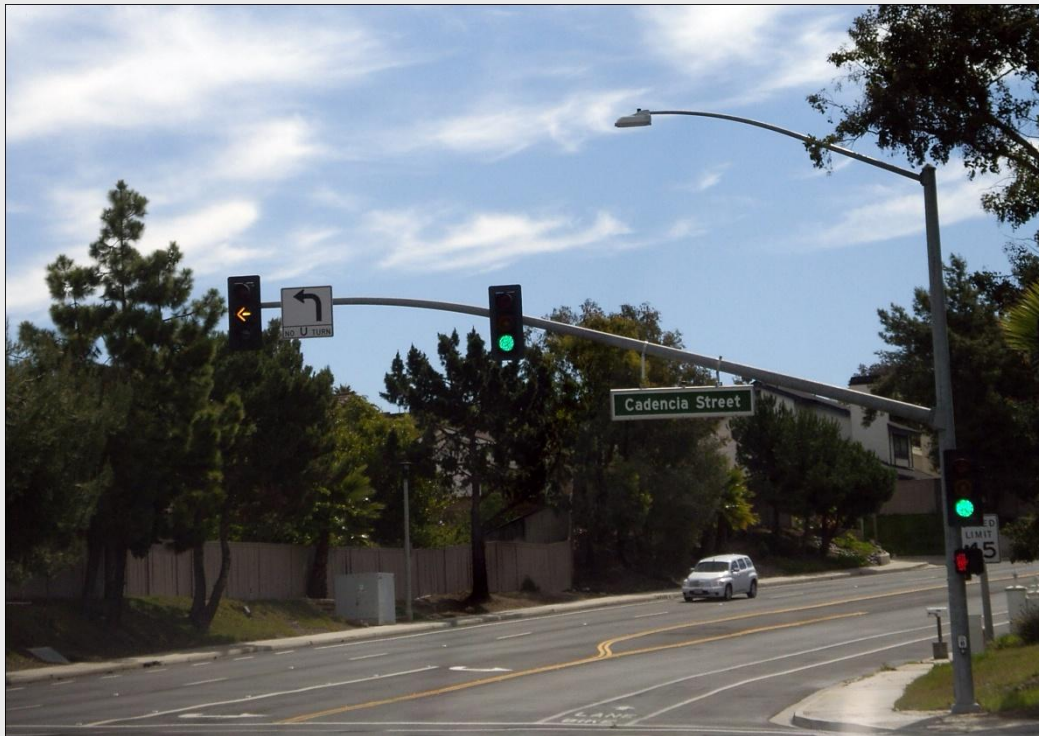
Photo Simulation



East End of Project Area



Photo Simulation



Cost of Improvements and Phasing

- The draft plan represents an ultimate vision for La Costa Avenue
- The estimated cost for the ultimate plan is approximately \$3 million
- The city has \$1 million currently available for improvements
- Additional funding may be available through grants or other funding sources
- Improvements could be phased as funding becomes available

Phasing Options

- Restripe the entire length to accommodate wider medians and bike lanes
- Install medians west of Viejo Castilla Way
- Install medians east of Viejo Castilla Way
- Install roundabout at Nueva Castilla Way
- Install roundabout at Romeria Street
- Construct curb extensions/narrowing
- Build missing sidewalks

Work Stations

- Draft plan in two segments
 - West end
 - East end
- Phasing options
- Display boards
 - General information about the different devices
- Comment sheets
 - Comment sheets to provide input on the draft plan